Docket No. 5634.268

Group Art Unit: 2602

Examiner:

IN THE UNITED STATES DEMARK OFFICE

Inventors:

John C. Harvey and James W.

Cuddihy

Serial No.:

08/470,051

Filing Date: 6-Jun-95

For:

Signal Processing Apparatus and

Methods

Assistant Commissioner of Patents Washington D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

<u>Serial No.</u>	Filing Date	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3,1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825
06/829,531	February 14, 1986	4,704,725
06/317,510	November 3, 1981	4,694,490
		, ,

Applicants believe that all references cited on the attached 1449 form were submitted to the PTO in U.S. Patent Application Serial No. 08/397,582 filed March 2, 1995. Therefore, no copies of the listed references are provided herewith. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted,

Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: January 31, 1996

HOWREY & SIMON 1299 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2402 (202) 783-0800 (telephone) (202) 383-6610 (telecopier)

Information Disclosure Statement by Applicant	Attorney Docket No. Serial No. 08/470,051	
·	Applicant(s) John C. Harvey and James W. Cuddihy	
Title: Signal Processing Apparatus and Method	Filing Date 6-Jun-95	Group 2602

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,875,270	2/24/59	Wendt et al.	178/5.1	
- ·	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,602,891	8/31/71	Clark et al.	340/172.5	
	3,651,471	3/21/72	Haselwood et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,849,729	11/19/74	Van Baggem	325/31	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,906,450	9/16/75	Prado, Jr.	340/150	
	3,936,868	2/3/76	Thorpe	358/22	

Examiner		Date Considered
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	3,947,624	3/30/76	Miyake	178/6	
	3,947,972	4/6/76	Freeman	35/8 A	
	3,973,206	8/3/76	Haselwood et al.	325/455	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,987,397	10/19/76	Belcher et al.	325/308	
	3,996,583	12/7/76	Hutt et al.	340/324	
_	4,016,361	4/5/77	Pandey	358/83	
	4,026,555	5/31/77	Kirschner et al.	273/85	
	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,048,562	9/13/77	Haselwood et al.	325/31	
	4,052,719	10/4/77	Hutt et al.	340/324	
	4,055,848	10/25/77	Fearnside	358/8	
	4,064,490	12/20/77	Nagel	364/200	
	4,074,315	2/14/78	Kawamura et al.	358/142	
	4,078,316	3/14/78	Freeman	35/8 A	

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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,081,832	3/28/78	Sherman	358/124	
	4,096,524	6/20/78	Scott	358/85	
	4,099,258	7/4/78	Parsons	364/900	
	4,117,605	10/3/78	Kurland et al.	35/9 A	
	4,120,003	10/10/78	Mitchell et al.	358/142	
	4,134,127	1/9/79	Campioni	358/16	·
	4,135,213	1/16/79	Wintfeld et al.	358/142	
	4,139,860	2/13/79	Micic et al.	358/22	
	4,144,495	3/13/79	Metzger	325/4	
	4,161,728	7/17/79	Insam	340/750	
	4,162,513	7/24/79	Beyers, Jr. et al.	358/191	
	4,178,613	12/11/79	Takahashi et al.	358/183	
	4,203,130	5/13/80	Doumit et al.	358/1	
	4,218,698	8/19/80	Bart et al.	358/22	
	4,228,543	10/14/80	Jackson	455/181	
	4,231,031	10/28/80	Crowther et al.	340/695	
	4,233,628	11/11/80	Ciciora	358/147	

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	4,243,984	1/6/81	Ackley et al.	340/703	
	4,245,252	1/13/81	Nagumo	358/213	
	4,249,211	2/3/81	Baba et al.	358/183	·
	4,261,006	4/7/81	Weintraub et al.	358/3	
	4,270,145	5/26/81	Farina	358/188	
	4,278,973	7/14/81	Hughes et al.	340/721	
	4,278,993	7/14/81	Suzuki	358/22	
	4,308,558	12/29/81	Hernandez et al.	358/142	5/22/80
	4,315,282	2/9/82	Schumacher	358/107	9/11/80
	4,320,256	3/16/82	Freeman	179/6.04	11/27/79
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	4,344,090	8/10/82	Belisomi et al.	358/183	9/13/79
	4,361,848	11/30/82	Poignet et al.	358/1	5/17/79
	4,374,395	2/15/83	Herrmann et al.	358/22	12/24/80
	4,377,870	3/22/83	Anderson et al.	455/2	12/21/78
	4,413,281	11/1/83	Thonnart	358/147	6/26/81
	4,420,656	12/13/83	Freeman	179/6.04	8/24/81

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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date
	4,420,769	12/13/83	Novak	358/139	3/22/78
	4,422,486	12/27/83	Maret	144/117R	1/21/81
	4,430,669	2/7/84	Cheung	358/122	5/29/81
	4,433,379	2/21/84	Schenk et al.	364/200	9/29/80
	4,443,660	4/17/84	DeLong	178/22.04	2/10/82***
	4,449,114	5/15/84	Fascenda et al.	340/988	3/26/82***
	4,531,021	7/23/85	Bluestein et al.	178/22.08	8/13/84***
	4,860,379	8/22/89	Schoeneberger et al.	455/5	10/20/88***
	Re. 31,977	8/27/85	Ott	364/200	8/19/83***
	Re. 32,187	6/17/86	Barda et al.	340/706	6/3/81

^{*-} If pertinent

Foreign Patent Documents

Examiner	Document	Publication	Country	Class /	Trans	lation
Initial	Number	Date		Subclass	Yes	No
	1,066,931	4/26/67	Great Britain	G 07c		No

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^{***-} Claims priority from parent application filed prior to Nov. 3, 1981.

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	Campbell, Keith D., "An Automated Video-Tape Editing System," March 1970, Vol. 79, pp. 191-194.	Journal of the SMPTE,
	Bonney, R.B. et al., "A Proposed Standard Time and Control Code Editing," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 186-190.	for Video-Tape
	Barlow, M., Letter to the Editor, "Re: Coding and Packaging Film f <u>Iournal of the SMPTE</u> , October 1969, Vol. 78, p. 889.	or Broadcasting,"
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	Matley, J. Brian, "A Digital Framestore Synchronizer," <u>SMPTE Journal</u> , June 1976, Vol. 85, pp. 385-388.	
	Connolly, W.G. et al., "The Electronic Still Store: A Digital System for the Storage and Display of Still Pictures," <u>SMPTE Journal</u> , August 1976, Vol. 85, pp. 609-613.	
	Sadashige, K., "Overview of Time-Base Correction Techniques and Their Applications," SMPTE Journal, October 1976, Vol. 85, pp. 787-791.	
	Siocos, C.A., "Satellite Technical and Operational Committee - Tele Guidelines for Waveform Graticules," <u>SMPTE Journal</u> , November 1 879.	
	"Index to Subjects - January-December 1976 • Volume 85," 1976 Ind <u>SMPTE Journal</u> , Vol. 85, pp. I-5 to I-13, I-15.	dex to SMPTE Journal,
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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Rodgers, Richard W., "Design Considerations for a Transmission and Distribution System for SMPTE Time-Code Signals," <u>SMPTE Journal</u> , February 1977, Vol. 86, pp. 69-70.
	Allan, J.J., III, et al., "A Computer-Controlled Super-8 Projector," <u>SMPTE Journal</u> , July 1977, Vol. 86, pp. 488-489.
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	Hamalainen, K.J., "Videotape Editing Systems Using Microprocessors," <u>SMPTE Journal</u> , June 1978, Vol. 87, pp. 379-382.
	McCoy, Reginald F.H., "A New Digital Video Special-Effects Equipment," <u>SMPTE Journal</u> , January 1978, Vol. 87, pp. 20-23.
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	Moore, J.K., et al., "A Recent Innovation in Digital Special Effects, The CBS 'Action Track' System," <u>SMPTE Journal</u> , October 1978, Vol. 87, pp. 673-676.
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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Wetmore, R. Evans, "System Performance Objectives and Acceptance Testing of the Public Television Satellite Interconnection System," <u>SMPTE Journal</u> , February 1979, Vol. 88, pp. 101-111.
	Bates, George W., "Cut/Lap: A New Method for Programmable Fades and Soft Edit Transitions Using a Single Source VTR," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 160-161.
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	Oliphant, Andrew et al., "A Digital Telecine Processing Channel," <u>SMPTE Journal</u> , July 1979, Vol. 88, pp. 474-483.
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	"Advanced Transmission Techniques," <u>SMPTE Journal</u> , Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32.
	"Anderson: Progress Committee Report for 1979 - Television," <u>SMPTE Journal</u> , May 1980, Vol. 89, pp. 324-328.
	SMPTE Journal, May 1980, Vol. 89, p. 391, no title.
	"The TCR-119 Reader," Gray Engineering Laboratories, <u>SMPTE Journal</u> , May 1980, Vol. 89, p. 438, (advertisement).

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.	
	Hopkins, Robert S., Jr., "Report of the Committee on New Technolo June 1980, Vol. 89, pp. 449-450.	ogy," SMPTE Journal,
	Limb, J.O. et al., "An Interframe Coding Technique for Broadcast T Journal, June 1980, Vol. 89, p. 451.	elevision," <u>SMPTE</u>
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	Table of Contents, SMPTE Journal, February 1981, Vol. 90, Number 2, 1 page.
	Table of Contents, SMPTE Journal, March 1981, Vol. 90, Number 3, 1 page.
	Table of Contents, SMPTE Journal, April 1981, Vol. 90, Number 4, 1 page.
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	"Television," SMPTE Journal, May 1981, pp. 375-379.
	Table of Contents, <u>SMPTE Journal</u> , January 1981, Vol. 90, Number 1, 1 page.
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	Table of Contents, SMPTE Journal, July 1981, Vol. 90, Number 7, 1 page.
	Table of Contents, SMPTE Journal, August 1981, Vol. 90, Number 8, 1 page.
	"American National Standard" "time and control code for video and audio tape for 525-line/60-field television systems," <u>SMPTE Journal</u> , August 1981, pp. 716-717.
	Table of Contents, <u>SMPTE Journal</u> , September 1981, Vol. 90, Number 9, 1 page.
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	Kaufman, Paul A. et al., "The Du Art Frame Count Cueing System," <u>SMPTE Journal</u> , October 1981, pp. 979-981.

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	"Window on the World" "The Home Information Revolution," <u>Business Week</u> , Jun. 29, 1981, pp. 74-83.

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	"In this corner, DIGISONICS!", Media Decisions, June 1968, 5 pages.
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	Applicant(s) John C. Harvey and James W. Cuddihy	
Title: Signal Processing Apparatus and Method	Filing Date 6-Jun-95	Group 2602

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